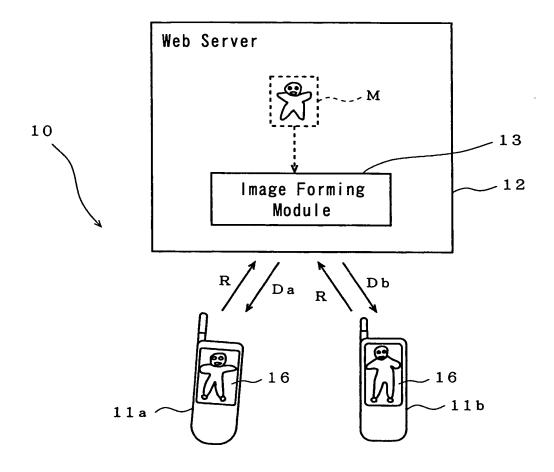
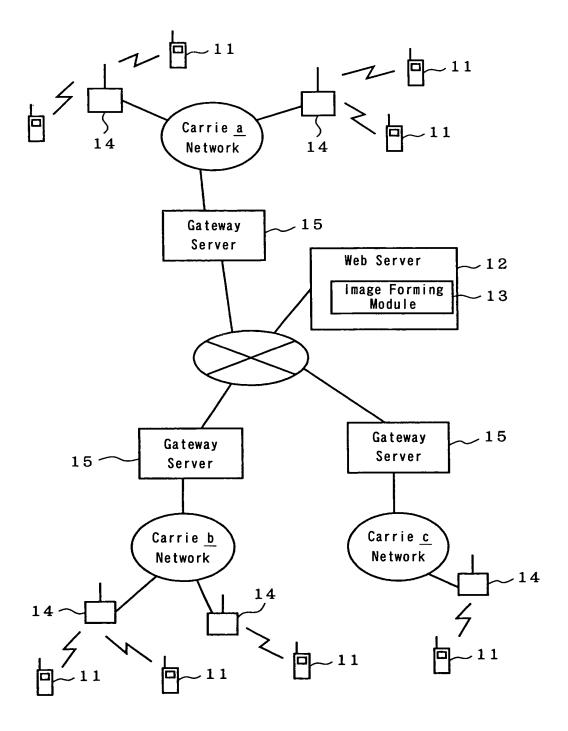
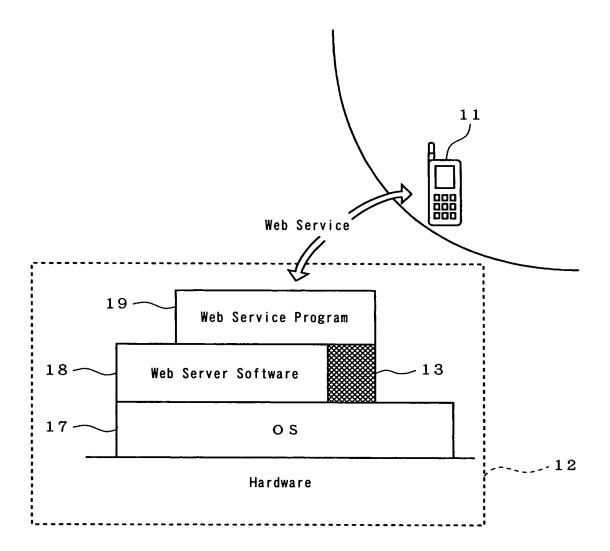
F/G. 1



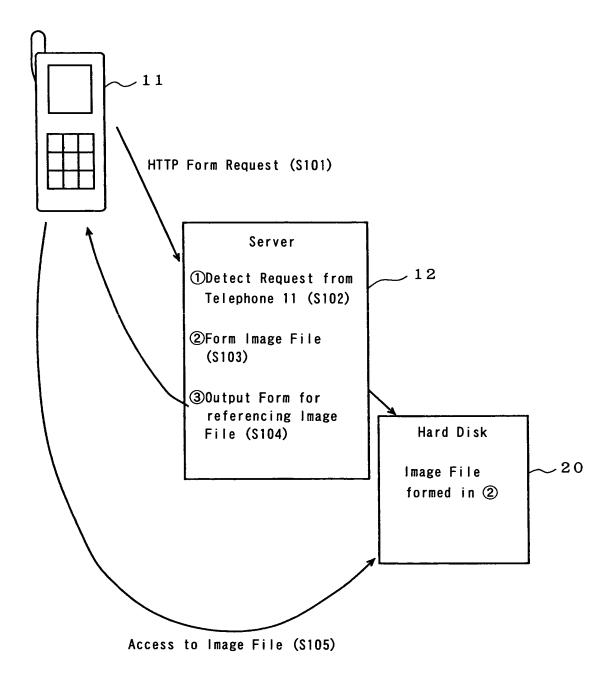
F1G. 2



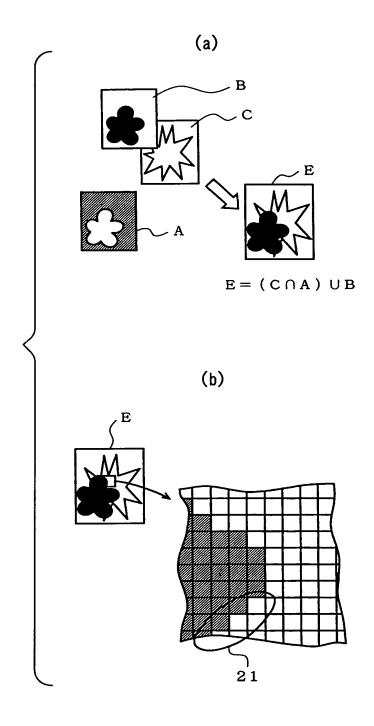
F/G. 3



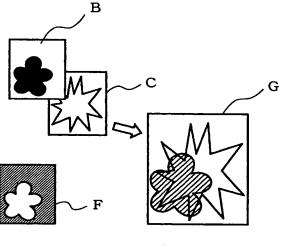
F1G. 4



F/G. 5



F/G. 6



 $G = (C \cap (F \times \alpha)) \cup B$ 

F1G. 7

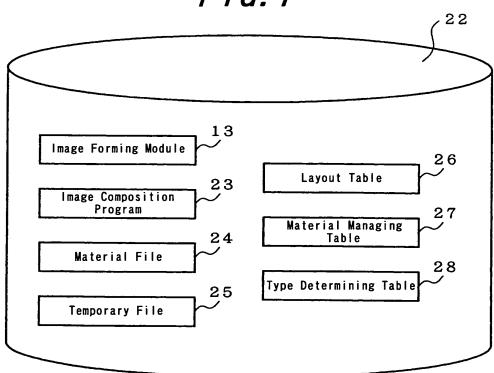


FIG. 8

(a)

Layout Table

User ID	Layer	Material
1	1	Α
1	2	В
1	3	С
2	1	D

(b)

## Material Managing Table

Material	File Name	
Α	XYZ	
В	ABC	
С	DEF	
D	GHI	
E	JKL	

(c)

## Type Determining Table

Type	Width	Height	Format
P505	240	320	GIF
N505	240	320	GIF
P504	180	210	PNG
N504	150	200	JPG

F/G. 9 Start S201 Update Layout Table S202 Read Layout Table S203 Read Material Managing Table S204 Read Material File S205 Image Composition Processing S206 No Is Image Composition completed ? Yes S207 Read Type Determining Table S208 Extention / Reduction Processing S209 Image Format Conversion Processing S210 Output Temporary File S211 No Is Layout Changing

completed ?

End

Yes